

MEMORANDUM

1/10/64

TO: Mr. Irvin, Supervisor, Function Coord.
 FROM: Mr. Irvin
 DATE: October 2, 1964
 SUBJECT: THE WORLD TRADE CENTER - TOWER FIREPROOFING

REFERENCE:

COPY TO: Messrs. L. Field, M. Levy, C. Paner

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On Monday, November 2, 1964, I attended a meeting at the Arthur & Sons with Joe Solomon, Mr. Irvin, Mr. K. Irvin, and Mr. K. Irvin. They are preparing a stainless steel exterior and interior for the World Trade Center. They are interested in proposing a cage for the whole floor treatment including column fireproofing and windows, and a dam and steel.

Allegany is having development done by the Memorial Institute also with the Hon. Nelson. They are proposing a precast, high density concrete jacket for the exterior column.

They will have an underwater laboratory test performed on a (modulated) column, then a full scale model, and additional tests made on the column fire test will be done by January, 1965. We expressed our interest in all new developments which might have WTC application.

Mr. K. Irvin will confer with this group to determine a budget price for their package. He feels that they can be competitive.

On November 19, 1964, I met with Mr. Gerard Caplan of the Zonolite Co. manufacturers of Mono-Kote fireproofing. I inspected some of the material shown in the connection of the fireproofing in the connection of the

large roof trusses at the Data Processing Center of the General Insurance Company. 'Mono-Kote' is a cementitious mixture that is considerably better than the mineral fiber spray-on (which is very difficult to install). Although the mineral fiber is less expensive, it is probable that a better price can be negotiated for 'Mono-Kote'. We inspected a Mono-Kote application on steel floor beams, and a mineral fiber application on floor beams. Although they both provide the fire rating required, it was obvious that the 'Mono-Kote' was a better application. Photos were taken and are being circulated.

Another material being considered for truss fireproofing is 'Vonco'. This is a sprayed-on cementitious gypsum material, that is less than 1" thick and hard finished. The U.S. Gypsum Co. is testing a similar material for truss fireproofing. They are presently having WTC floor trusses built for tests in the next few weeks.

Irv Soffer

The World Trade Center

PA LAW DEPARTMENT



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